AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1. (currently amended): An interfacing device that integrates <u>feeders</u> <u>feeder</u> mechanisms and surface mount machines of differing manufacture, <u>the interfacing device</u> comprising:
 - a carriage (10) a carriage to which a feeder plate mechanism—(12) (12) is mounted, wherein said carriage provides external feeder—connectors (34) connectors from—the surface a surface mount machine to the feeder plate—mechanism (12) mechanism; and
 - a plurality of feeder mechanisms—(40) which that are received by said feeder plate mechanism (12), and mechanism, wherein said feeder mechanisms provide (40) provides internal feeder connectors—(26) from from said feeder plate mechanism—(12) to to said plurality of feeder—mechanisms (40), mechanisms, and wherein said feeder plate mechanism—(12) adapts adapts said external feeder connectors—(34) to to said internal feeder—connectors—(26) connectors.
- 2. (currently amended): The interfacing device of Claim 1, wherein said external feeder-connectors (34) connectors comprise pneumatic and electrical connections.
- 3. (currently amended): The interfacing device of Claim 1, wherein said internal feeder connectors (26) connectors comprise pneumatic and electrical connections.
- 4. (currently amended): The interfacing device of Claim 1, wherein a switch within the surface mount-machines allows machine is configured to enable an operator to select a type of feeder mechanism within said interface device.
- 5. (currently amended): The interfacing device of Claim 1, wherein positioning pins (32) pins within said interfacing device align components coupled by said internal feeder connectors (26) and and said external feeder-connectors (34) connectors.

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- 6. (currently amended): The interfacing device of Claim 1, wherein said feeder plate mechanism—(12) further comprises a top plate assembly used to couple said feeder plate mechanism (12) mechanism to the surface mount machine.
- 7. (currently amended): The interfacing device of Claim 1, wherein said carriage (10) further comprises a tape-dump (14) dump operable to catch spent feeder tape expended by one of the feeder-mechanism mechanisms.
- 8. (currently amended): The interfacing device of Claim 1, wherein said carriage (10) further comprises casters (28) that allow rolling members that are configured to enable an operator to easily reposition the interfacing device to and from the surface mount machine.
- 9. (currently amended): The interfacing device of Claim 1, wherein said feeder plate mechanism—(12) further comprises—mechanical one or more locks to secure said feeder mechanisms—(40) within within said feeder plate—mechanism—(12) mechanism.
- 10. (currently amended): The interfacing device of Claim 1, wherein said carriage (10) comprises comprises a frame of adjustable height.

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- 11. (currently amended): A method of interfacing and integrating <u>feeders</u> feeder mechanisms to surface mount machines of differing manufacture, the method comprising the steps of:
 - mounting a feeder plate mechanism (12) mechanism to a carriage, wherein said carriage (10) carriage provides external feeder connectors (34) connectors from the surface a surface mount machine to the feeder plate mechanism; mechanism (12); and
 - connecting a plurality of feeder—mechanisms (40) mechanisms to said feeder plate mechanism (12) mechanism, wherein said feeder—mechanisms (40) mechanisms couple to said feeder plate—mechanism—(12) mechanism—via internal feeder—connectors—(26), connectors, and wherein said feeder plate mechanism—(12) adapts adapts said external feeder—connectors (34) connectors to said internal feeder—connectors (26); and connectors;

coupling said carriage (10) carriage to the surface mount machine, and selecting via a switch within the surface mount machine the type of feeders contained within said feeder plate mechanism (12) mechanism.

- 12. (currently amended): The method of Claim 11, wherein said external feeder eonnectors (34) connectors and said internal feeder connectors (26) connectors comprise pneumatic and electrical connections.
- 13. (currently amended): The method of Claim 11, wherein positioning pins (32) pins within said interfacing device align components coupled by said internal feeder connectors (26) and and said external feeder connectors (34) connectors.
- 14. (currently amended): The method of Claim 11, wherein said feeder plate mechanism—(12) further comprises a top plate assembly used to couple said feeder plate mechanism (12) mechanism to the surface mount machine.
- 15. (currently amended): The method of Claim 11, wherein said carriage—(10) further comprises a tape—dump (14) dump operable to catch spent feeder tape expended by one of the feeder-mechanism mechanisms.

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- 16. (currently amended): The method of Claim 11, wherein said carriage—(10) further comprises—casters (28) that allow rolling members that are configured to enable an operator to easily reposition the interfacing device to and from the surface mount machine.
- 17. (currently amended): The method of Claim 11, wherein said feeder plate mechanism—(12) further comprises—mechanical one or more locks to secure said feeder mechanisms (40) within within said feeder plate mechanism (12) mechanism.
- 18. (currently amended): The method of Claim 11, wherein said carriage—(10) emprises comprises a frame of adjustable height.
- 19. (currently amended): An interfacing device that integrates <u>feeders</u> <u>feeder</u> mechanisms and surface mount machines of differing manufacture, <u>the interfacing device</u> comprising:
 - a carriage (10) a carriage to which a feeder plate mechanism (12) mechanism is mounted, wherein said carriage (10) carriage provides external feeder connectors (34) from the from a surface mount machine to the feeder plate mechanism (12), wherein mechanism, and wherein said external feeder connectors (34) connectors comprise pneumatic and electrical connections;
 - a plurality of feeder mechanisms (40) which that are received by said feeder plate mechanism (12), and mechanism, wherein said feeder mechanisms provide (40) provides internal feeder connectors (26) from from said feeder plate mechanism (12) mechanism to said plurality of feeder mechanisms (40) mechanisms, wherein said internal feeder connectors (26) connectors comprise pneumatic and electrical connections, wherein said feeder plate mechanism (12) adapts adapts said external feeder connectors (34) connectors to said internal feeder connectors (26) connectors, and wherein mechanical stops and positioning pins (32) pins secure said feeder mechanisms (40) mechanisms within said feeder plate mechanism (12) mechanism; and
 - a means for selecting a type of feeder mechanism contained within said interface device.

- 20. (currently amended): The interfacing device of Claim 19, wherein said carriage (10) further comprises:
 - a tape-dump (14) dump operable to catch spent feeder tape expended by one of the feeder-mechanism mechanisms;
 - easters (28) that allow rolling members that are configured to enable an operator to easily reposition the interfacing device to and from the surface mount machine; and
 - a means for adjusting a height of said carriage.
- 21. (new): The interfacing device of Claim 8, wherein said rolling members are casters.
 - 22. (new): The method of Claim 16, wherein said rolling members are casters.
- 23. (new): The interfacing device of Claim 20, wherein said rolling members are casters.